United States Department of Agriculture
National Agricultural Statistics Service
Michigan Field Office
Cooperating with Michigan Department of Agriculture & Rural Development
Michigan State University Cooperative Extension Service

Michigan Crop Weather

MI-CW3211 August 8, 2011

Rainy, Hot and Humid

Five days were suitable for fieldwork during the week ended August 7, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.75 inches to 1.04 inches in the Upper Peninsula and 0.56 to 3.49 inches in the Lower Peninsula. Temperatures were 5 to 6 degrees above normal in the Upper and Lower Peninsula. Rain and warm temperatures made for humid conditions, and allowed crops to make tremendous progress. One producer in the southeast Lower Peninsula stated, "Heavy rains slowed fieldwork somewhat, but it was very welcomed to help buck up the yield potential for both corn and soybeans. Can you say million dollar rain?" Ample fieldwork, which included, harvesting of wheat, oats, barley, tart cherries, blueberries, peaches, vegetable crops, and hay, was accomplished amid precipitation.

Fruit

The **tart cherry** harvest continued in the northwest. Balaton harvest has begun. Quality has been good with small but firm fruit. Cherry fruit fly emergence continued at high numbers. The harvest of mid-season **blueberries** continued. The Jersey crop in the southwest has been light. **Apples** were 2 to 2.5 inches in the south. Apple maggot flies have emerged. Vanette, Voyageur, and Ozark Premier **plums** were picked. Garnet Beauty, Rising Star, and Summer Serenade **peaches** were harvested. **Pears** were 1.75 to 2 inches in the south. Two-spotted spider mite populations were high at some farms. Veraison of early varieties of **grapes** began in the southwest. Growers will begin crop load management this week in the northwest. Summer **raspberry** harvest ended in the southeast.

Field Crops

Rain and high temperatures last week improved crop conditions across the State. Most **corn** fields in southern Michigan were in R1, though later planted fields were yet to tassel. Western bean cutworm and European corn borer pressure appeared to be less than normal. **Soybean** growth last week was excellent. Most soybeans were in R1 to R3. Soybean aphid numbers crept up in some fields in southwest Michigan and Ionia county. There were reports of growers spraying for Japanese beetle. Sudden death syndrome and soybean cyst nematodes were reported. **Wheat** harvest was nearly complete with excellent quality reported. Growers were applying manure to harvested wheat fields. **Cucumbers for pickles** harvest continued. Downy mildew was a problem in some fields in Saginaw county. **Alfalfa** growers were busy making hay. The third cutting of hay in southern Michigan was reported to be shorter than normal due to adverse weather conditions in mid to late July. **Oat** harvest continued. **Dry bean** growers in central and northern Michigan sprayed for Western bean cutworm. **Sugarbeets** were growing well. Cercospora pressure was increasing.

Vegetables

Clement weather this past week facilitated vegetable growth. **Tomato** harvest continued and the crop appeared good. Some blossom end rot and late blight was reported. **Celery** harvest continued with fair to good yields. Modest pest pressure was reported. **Sweet corn** harvest continued across the State. Growers continued monitoring for pests such as western bean cutworm and European corn borer. **Cabbage** harvest continued. Growers remained watchful for imported cabbage worm on this and other cole crops. Sunscald on the **pepper** crop was a problem for some. Foliar disease remained under control in the **asparagus** crop. **Carrots** and **parsnips** were growing well, but remained behind in development when compared to normal. **Onions** continued to develop. Thrips damage was light to moderate in certain areas. Purple blotch and botrytis were also reported. **Cucumber, zucchini,** and **summer squash** continued to be harvested. Powdery mildew was apparent in vine crop fields in particular areas. The **watermelon** crop appeared excellent. Growers continued to monitor leaves for spider mites. Processing **broccoli** stands were thin, but continued to grow.

Soil moisture for week ending 08/07/11

Stratum	Very short	Short	Adequate	Surplus
	Percent	*Percent*	*Percent*	*Percent*
Topsoil	5	21	69	5
Subsoil	8	22	68	2

Crop condition for week ending 08/07/11

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
All Hay	1	8	28	47	16
Barley	0	6	36	48	10
Corn	3	10	22	43	22
Dry beans	6	11	29	39	15
Oats	1	6	31	50	12
Pasture	2	12	37	36	13
Soybeans	2	9	27	44	18

Crop progress for week ending 08/07/11

Crop	This week	Last week	Last year	5-year average
	Percent	*Percent*	*Percent*	*Percent*
All hay, second cutting	74	71	81	78
Barley, harvested	27	3	62	12
Blueberries, harvested	75	53	78	60
Corn, silked	90	72	97	88
Corn, dough	18	3	47	25
Dry beans, blooming	88	76	92	78
Dry beans, setting pods	39	NA	61	45
Oats, turning yellow	94	89	100	94
Oats, harvested	9	9	83	49
Peaches, harvested	30	20	44	31
Soybeans, blooming	87	75	92	88
Soybeans, setting pods	48	19	68	59
Tart cherries, harvested	90	60	100	88
Winter wheat, harvested	90	80	100	73

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Michigan Weather Summary for Week Ending 08/07/11 [1]

Station	Temperature			Cumulative growing degree days [2]			Precipitation					
											Normal	
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Since April 1	For month
Ironwood	84	52		1,436	1,540		1.15	1.63	2.23	12.62		
Marquette	88	53		1,380	1,498		1.09	1.35	1.89	13.35		
Stephenson	88	55		1,524	1,765		0.57	1.17	1.69	11.85		
Western UP	88	46	5	1,402	1,550	1,290	1.04	1.49	2.00	12.13	13.69	3.69
Cornell	86	51		1,424	1,677		0.67	1.13	2.11	11.56		
Sault St Marie	87	54		1,390	1,551		1.07	1.28	3.49	15.97		
Eastern UP	89	46	6	1,336	1,521	1,107	0.75	1.20	2.27	13.88	12.83	3.53
Beulah	85	62		1,680	1,836		1.91	2.10	3.12	19.07		
Lake City	90	56		1,615	1,755		1.83	2.05	3.72	17.06		
Old Mission	87	59		1,549	1,760		0.91	0.91	1.79	12.47		
Pellston	86	52		1,512	1,681		1.03	1.28	2.01	14.58		
Northwest	90	52	6	1,557	1,714	1,461	1.30	1.43	2.25	14.81	11.98	3.11
Alpena	88	55		1,508	1,700		0.77	1.38	2.46	16.89		
Houghton Lake	90	54		1,710	1,834		0.36	0.39	2.36	14.59		
Rogers City	91	59		1,379	1,596		0.17	0.31	0.95	12.53		
Northeast	91	54	5	1,559	1,742	1,413	0.56	0.76	1.97	14.87	12.04	3.12
Fremont	88	63		1,827	1,984		0.24	1.35	2.22	15.40		
Hart	86	62		1,715	1,885		0.52	1.47	2.83	13.15		
Muskegon	88	66		1,981	2,133		0.88	3.47	4.61	15.78		
West Central	89	60	6	1,785	1,967	1,600	0.80	1.97	3.11	15.40	12.04	3.60
Alma	90	64		1,816	2,057		4.00	7.36	7.55	21.94		
Big Rapids	91	62		1,713	1,919		6.23	6.53	7.37	23.54		
Vestaburg	0	0		0	0		0.00	0.00	0.00	0.00		
Central	91	62	5	1,786	1,979	1,669	3.49	5.39	5.75	18.53	13.08	3.64
Bad Axe	86	62		1,726	1,926		1.29	2.94	4.54	18.91		
Pigeon	87	59		1,723	1,903		1.07	1.92	2.28	14.37		
Port Sanilac	NA	NA					0.00	0.00	0.00	0.00		
Saginaw	89	64		1,942	2,148		0.66	1.37	2.61	17.10		
Standish	88	60		1,661	1,863		0.81	1.29	2.36	17.00		
East Central	89	59	5	1,720	1,958	1,654	0.89	2.36	3.13	17.29	11.94	2.93
Fennville	88	62		1,848	2,024		0.78	3.36	5.92	19.30		
Grand Rapids	90	67		2,076	2,248		1.45	6.63	8.07	23.74		
Holland	87	65		2,789	2,216		4.72	8.07	9.13	25.98		
Paw Paw	0	0		0	0		0.00	0.00	0.00	0.00		
South Bend, IN	91	62		2,181	2,273		0.85	1.66	2.94	23.49		
Watervliet	88	64		2,002	2,163		1.20	3.65	5.96	20.63		
Southwest	91	60	5	2,040	2,157	1,799	1.31	3.85	5.57	21.17	13.85	3.18
Belding	88	63		1,825	1,990		0.68	4.05	4.62	18.17		
Coldwater	88	61		2,059	2,204		0.89	3.10	4.00	15.27		
Lansing	90	64		1,975	2,182		0.81	4.62	5.57	20.12		
South Central	90	61	5	1,917	2,106	1,781	1.15	4.74	5.72	19.93	13.69	3.36
Detroit	92	67		2,190	2,347		0.76	5.19	6.86	20.34		
Flint	91	66		2,020	2,159		0.45	6.36	6.79	22.50		
Romeo	86	63		1,917	2,074		1.49	2.35	2.63	17.24		
Tipton	89	64		2,014	2,131		0.51	3.35	4.43	18.41		
Toledo, OH	90	65		2,037	2,367		0.75	3.30	4.22	16.89		
Southeast	92	60	6	2,004	2,205	1,763	0.82	3.74	4.63	17.43	13.22	3.12

[1] Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

[2] Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.